

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,029,861 B1
APPLICATION NO. : 09/396985
DATED : April 18, 2006
INVENTOR(S) : Beutler et al.

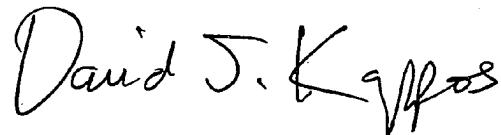
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The drawing sheets, consisting of Figs. 1-22, should be deleted to be replaced with the drawing sheets, consisting of Figs. 1-22 as shown on the attached pages.

Signed and Sealed this

Seventh Day of December, 2010



David J. Kappos
Director of the United States Patent and Trademark Office

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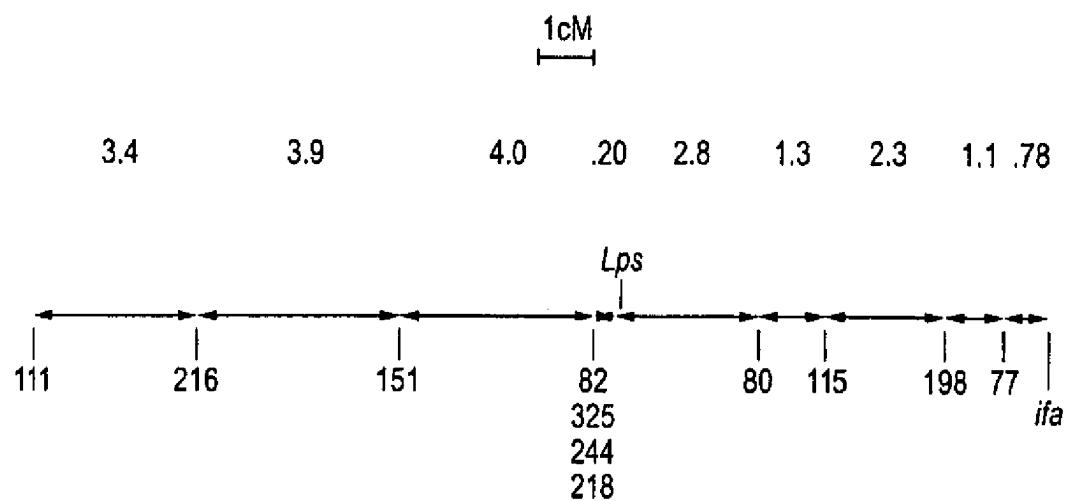


FIG. 1

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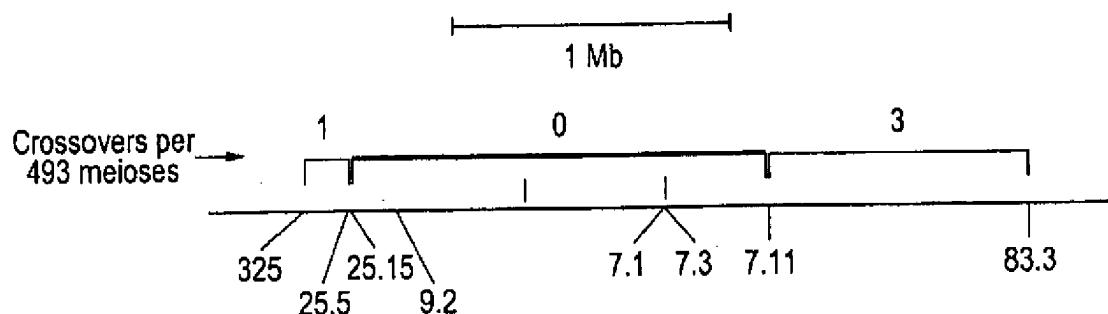


FIG. 2A

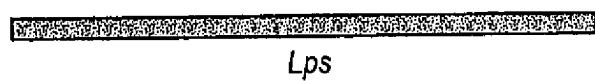
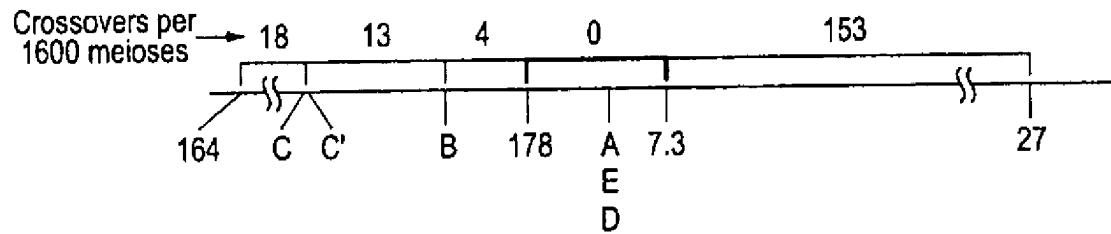


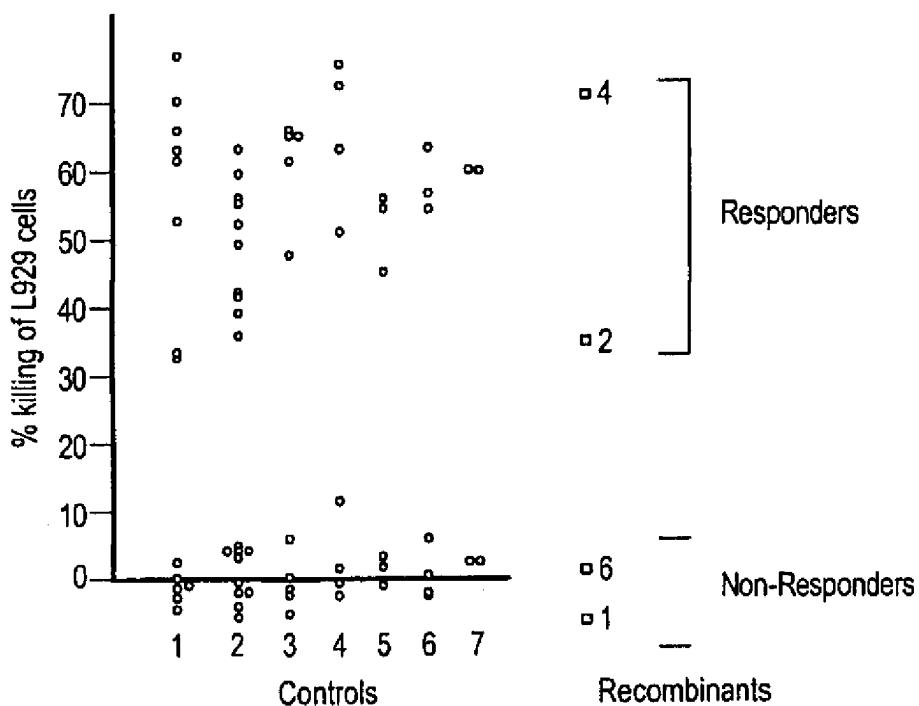
FIG. 2B

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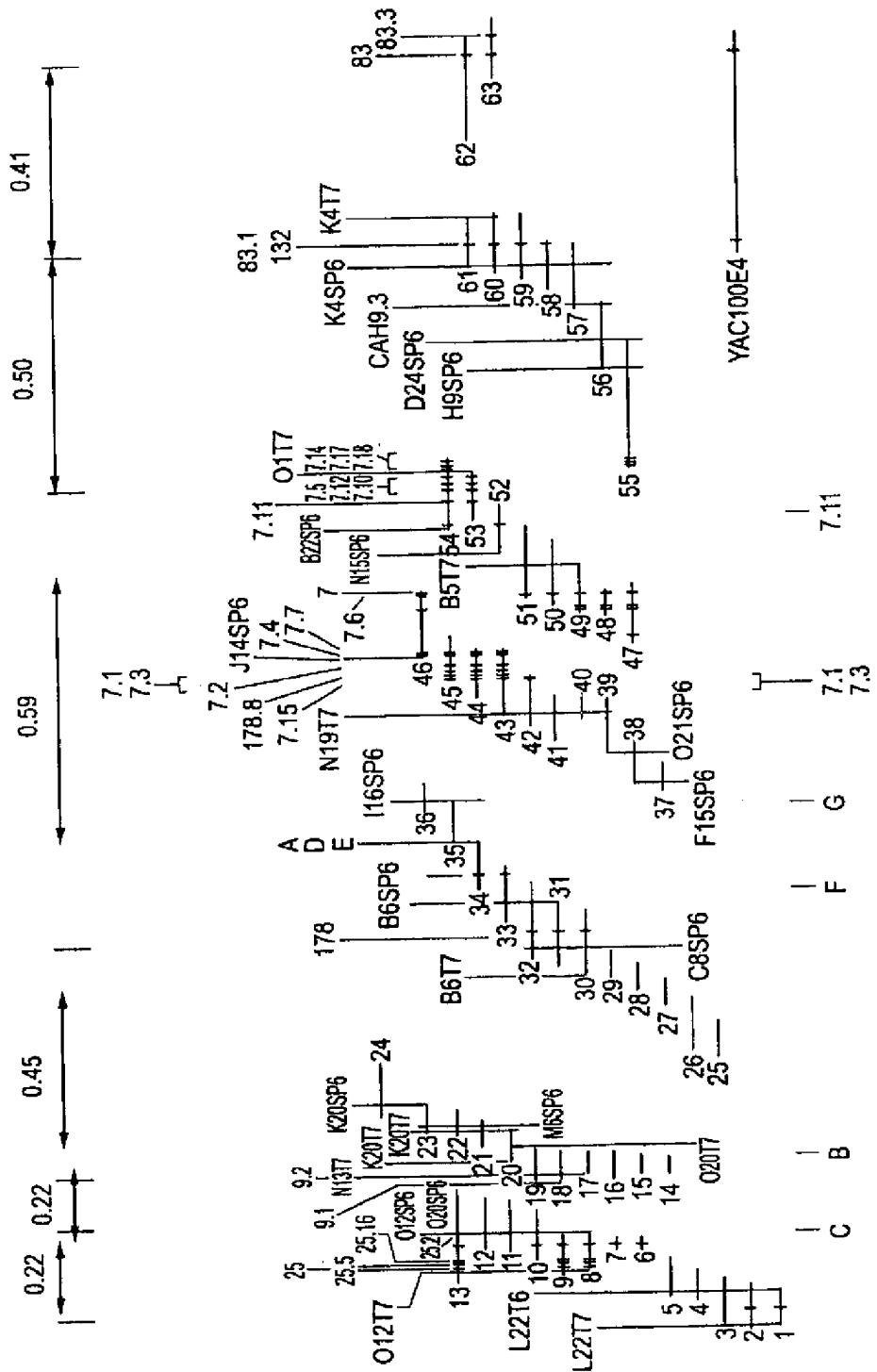


FIG. 4A

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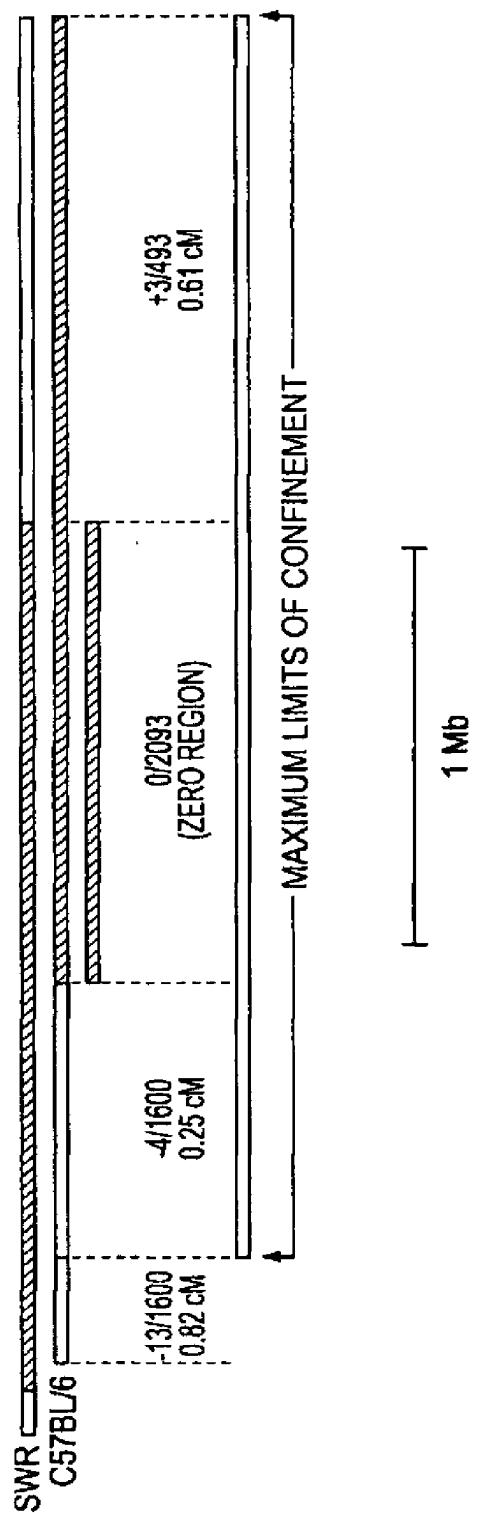


FIG. 4B

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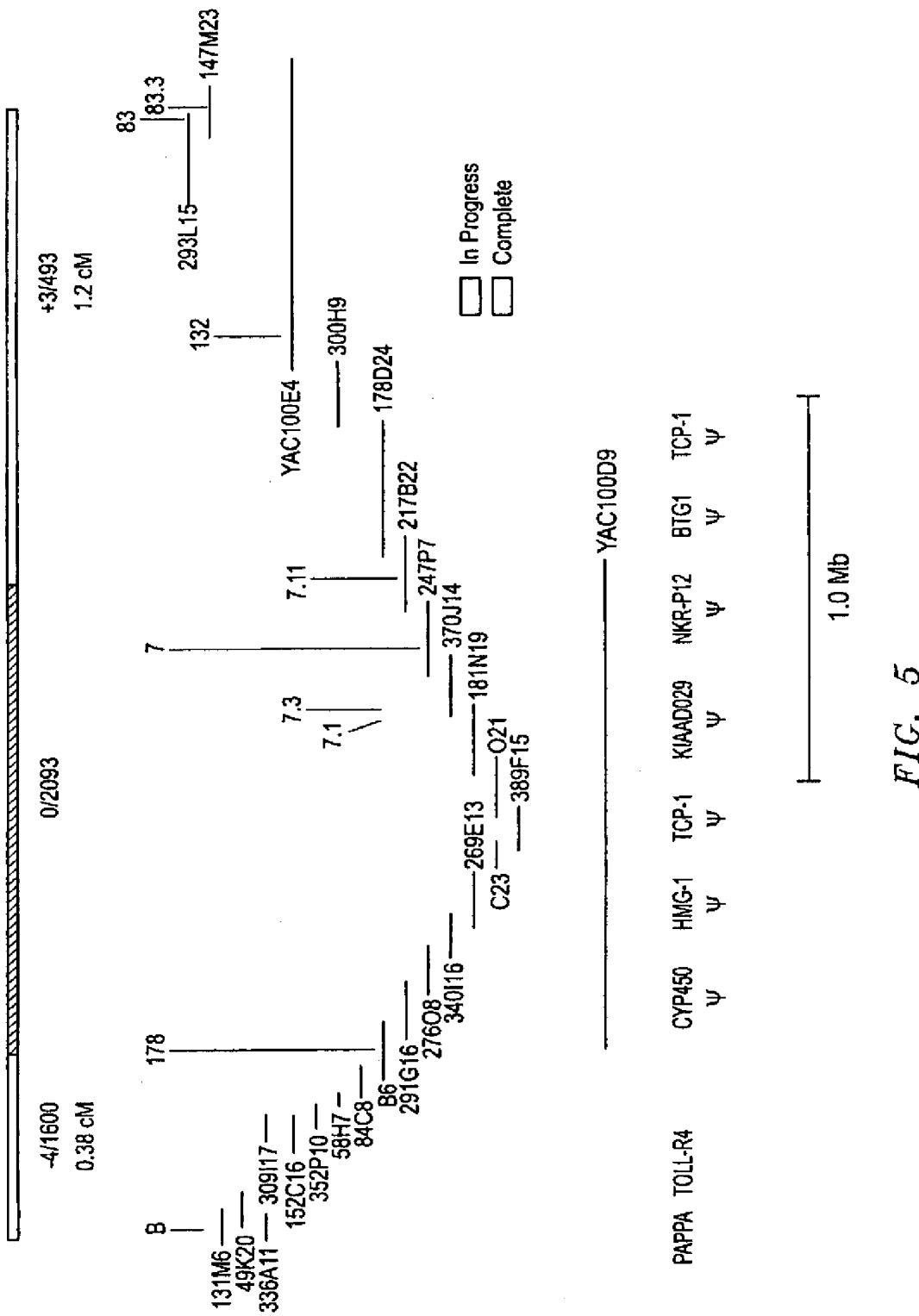


FIG. 5

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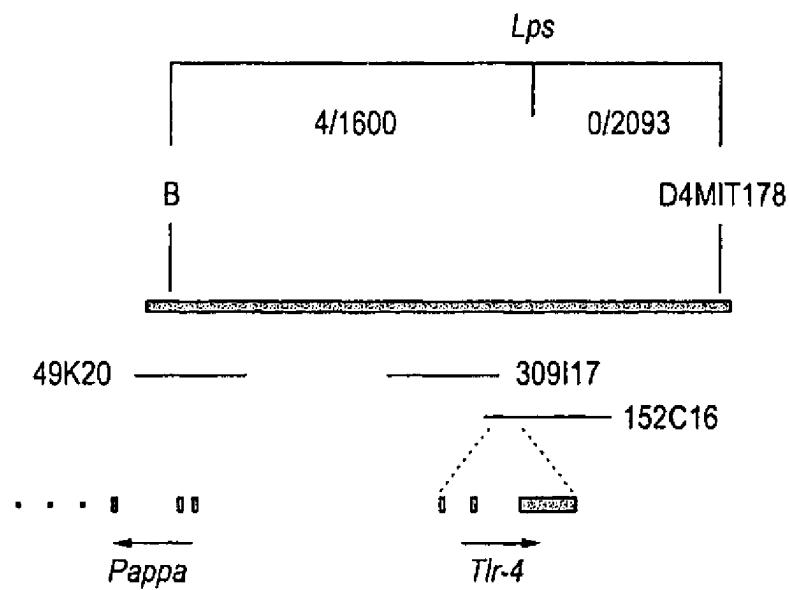


FIG. 6

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jtoll 1 MMPPWLLART LIMAL.FFSC LTPGSLNPCI EVVPNITYQC MDQKLSKVPD 50
 ntoll MMPPWLLART LIMAL.FFSC LTPGSLNPCI EVVPNITYQC MDQKLSKVPD
 rattlr4 MMPLLHLAGT LIMAL.FLSC LRPGSLNPCI EVLPNITYQC MDQKLSKIPH
 humtlr4 MMSASRLAGT LIPAMAFLSC VRPESWEPCV EVVPNITYQC MELNFYKIPD
 jtoll 51 DTPSSTKNID LSFNPLKILK SYSFSNFSEL QWLDSLRC EI ETIEDKAWHG 100
 ntoll DTPSSTKNID LSFNPLKILK SYSFSNFSEL QWLDSLRC EI ETIEDKAWHG
 rattlr4 DIPYSSTKNLD LSFNPLKILR SYSFTNFSQL QWLDSLRC EI ETIEDKAWHG
 humtlr4 NLPFSTKNLD LSFNPLRHLG SYSFFSFPEL QVLDSLRC EI QTIEDGAYQS
 jtoll 101 LHHLNLILT GNPIQSFSFG SFSGLTŞLEN LVAVETKLAS LESFPIGQLI 150
 ntoll LHHLNLILT GNPIQSFSFG SFSGLTŞLEN LVAVETKLAS LESFPIGQLI
 rattlr4 LNQLSTLVLT GNPIKSFSFG SFSGLTNLEN LVAVETKMTS LEGFHIGQLI
 humtlr4 LSHLNLILT GNPIQSLALG AFSGLSSLQK LVAVETNLAS LENFPIGQLI
 jtoll 151 TLKKLNVAHN FIGSCKLPAY FSNLTNLVHV DLSNYIQTİ TVNDLQFLRE 200
 ntoll TLKKLNVAHN FIGSCKLPAY FSNLTNLVHV DLSNYIQTİ TVNDLQFLRE
 rattlr4 ŞLKLNVAHN LIHSFKLPEY FSNLTNLEHY DLSNYIQTİ ŞVKDLQFLRE
 humtlr4 TLKELNVAHN LIQSFKLPEY FSNLTNLEHL DLSSNKIQSI YCTDLRVLHQ
 jtoll 201 NPQVNLSLDM SLNPIDFIQD QAFOGIKLHE LTLRGNFNSS NIMKTCLQL 250
 ntoll NPQVNLSLDM SLNPIDFIQD QAFOGIKLHE LTLRGNFNSS NIMKTCLQL
 rattlr4 NPQVNLSLDL SLNPİDŞİQA QAFOGİRLHƏ LTLRŞNFNSŞ NVLKMCQLQM
 humtlr4 MPLLNLSLDL SLNPMNFIQP GAFKEIRLHE LTLRNNFDSDL NVMKTCIOGL
 jtoll 251 AGLHVHRLIL GEFKDERNLE İFEPSIMEGL CDVTIDEFRL TYTNDFSDDI 300
 ntoll AGLHVHRLIL GEFKDERNLE İFEPSIMEGL CDVTIDEFRL TYTNDFSDDI
 rattlr4 TGLHVHRLİL GEFKNERNLE ŞFDRŞYMEGL CNVŞİDEFRL TYİNHFŞDDI
 humtlr4 AGLEVHRLVL GEFRNEGNLE KFDKSALEGŁ CNTLIEEFRL AYLDYYSSDDI
 jtoll 301 VK.FHCLANV SAMSLAGVSI KYLEDVPKHF KWQSLIIIRC QLKQFPTLDL 350
 ntoll VK.FHCLANY SAMSLAGVŞI KYLEDVPKHF KWQSLIIIRC QLKQFPTLDL
 rattlr4 YN,LNCLANI SAMSFTGVHI KHIADYPKHF KWQŞLŞİIRC HLKPFPKLŞL
 humtlr4 IDLFNCLTV SSFSLVSVTI ERVKDFSYNF GWQHLELVNC KFGQFPTLKL
 jtoll 351 PFLKSLTLTM NKGSISFKKV ALPSLSYLDL SRNALSFSGC CSYSDLGTNS 400
 ntoll PFLKSLTLTM NKGSISFKKV ALPSLSYLDL SRNALSFSGC CSYSDLGTNS
 rattlr4 PLFKŞWTLT NREDİŞFGÖL ALPSLRYLDL SRNAŞSFRGC CSYSDFGTNN
 humtlr4 KSLKRLTFTS NKGGNAFSEV DLPSLEFLDL SRNGLSFKGC CSQSDFGTTTS
 jtoll 401 LRHLDLSFNG AIIIMSANFMG LEELQHLDfq HSTLKRVTef SAFLSLEKLL 450
 ntoll LRHLDLSFNG AIIIMSANFMG LEELQHLDfq HSTLKRVTef SAFLSLEKLL
 rattlr4 LKYLDLSFNG VIİMSANFMG LEELEYLDfq HSTLKKYTEf SVFLSLEKLL
 humtlr4 LKYLDLSFNG VITMSSNFLG LEQLEHLDfq HSNLKQMSEF SVFLSIRNLI

FIG. 7A

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	451	
jtoll	YLDISYTNTK	IDFDGIFLGL TSLNTLKMAG NSFKDNTLSN VFANTTNLTF
ntoll	YLDISYTNTK	IDFDGIFLGL TSLNTLKMAG NSFKDNTLSN VFANTTNLTF
rattlr4	YLDISYTNTK	IDFDGIFLGL ISLN _T LKMAG NSFKDNTLSN VFTNTTNLTF
humtlr4	YLDISHTHTR	VAFNGIFLGL SSLEVLMAG NSFQENFLPD IFTELRLNLT
	500	
jtoll	LDLSKCQLEQ	ISWGVFDTLH RLQLLNMSHN NLLFLDSSHY NQLYSLSTLD
ntoll	LDLSKCQLEQ	ISWGVFDTLH RLQLLNMSHN NLLFLDSSHY NQLYSLSTLD
rattlr4	LDLSKCQLEQ	ISRGVFDTLY RLQLLNMSHN NLLFLDPSHY KOLYSLR _T LD
humtlr4	LDLSQCQLEQ	LSPTAFNSLS SLQVLNMSHN NFFSLDTPY KCLNSLQVLD
	550	
jtoll	CSFNRIETS.	KGILQHF _P KS LAFENLTNN _S VACICEHQKF LQWVKEQKQF
ntoll	CSFNRIETS.	KGILQHF _P KS LAFENLTNN _S VACICEHQKF LQWVKEQKQF
rattlr4	CSFNRIETS.	KGILQHF _P KS LAVFNLTNNS VACICEYQNF LQWYKDQKMF
humtlr4	CSFNRIETS.	KQELQHF _P KS LAFLNL _T QND FACTCEHQSF LQWIKDQRQL
	600	
jtoll	LVNVEQMTCA	TPVEMNTSLV LDFNNSTCYM YKTIISVSVV SVIVVSTVAF
ntoll	LVNVEQMTCA	TPVEMNTSLV LDFNNSTCYM YKTIISVSVV SVIVVSTVAF
rattlr4	LVNVEQMKA _C	SPIDMKASLV LDFTN _T CYI YKTIISVSVV SVLVVATVAF
humtlr4	LVERVERMECA	TPSDKQGMPV L _S L.NITCQM NKTIIGVS _V SVLVVSVVA _V
	650	
jtoll	<u>LIYHFYFH</u> LI	LIAGCKKYSR GESIYDAFVI YSSQNEDWVR NELVKNLEEG
ntoll	<u>LIYHFYFH</u> LI	LIAGCKKYSR GESIYDAFVI YSSQNEDWVR NELVKNLEEG
rattlr4	<u>LIYHFYFH</u> LI	LIAGCKKYSR GESIYDAFVI YSSQNEDWVR NELVKNLEEG
humtlr4	<u>LVYKFYFH</u> LM	LIAGC _I KYGR GENIYDAFVI YSSQDEDWVR NELVKNLEEG
	700	
jtoll	VPRFHLC _L HY	RDFIHGVAIA ANTIQEGFHK SRKVIVVVS _R HFIQSRWCIF
ntoll	VPRFHLC _L HY	RDFIHGVAIA ANTIQEGFHK SRKVIVVVS _R HFIQSRWCIF
rattlr4	VPRFQLCLHY	RDFIPGVAIA ANTIQEGFHK SRKVIVVVS _R HFIQSRWCIF
humtlr4	VPPFQLCLHY	RDFIPGVAIA ANTIHEGFHK SRKVIVVVSQ HFIQSRWCIF
	750	
jtoll	EYEIAQTWQF	LSSRSGIIFI VLEKVEKSLL RQQVELYRLL SRNTYLEWED
ntoll	EYEIAQTWQF	LSSRSGIIFI VLEKVEKSLL RQQVELYRLL SRNTYLEWED
rattlr4	EYEIAQTWQF	LSSRSGIIFI VLEKVEKSLL RQQVELYRLL SRNTYLEWED
humtlr4	EYEIAQTWQF	LSSRAGIIFI VLQKVEKTLL RQQVELYRLL SRNTYLEWED
	800	
jtoll	NPLGRHIFWR	RLKNALLDGK ASNPEQTAE _E EQETATWT~~
ntoll	NPLGRHIFWR	RLKNALLDGK AŞNP _E QTAE _E EQETATWT~~
rattlr4	NALGRHIFWR	RLKKALLDGK ALNPDETSEE E _E QEATTLT~~
humtlr4	ŞVLGRHIFWR	RLRKALLDGK ŞWNPEGTVGT GCNWQEATSI
	840	

Fig 7B

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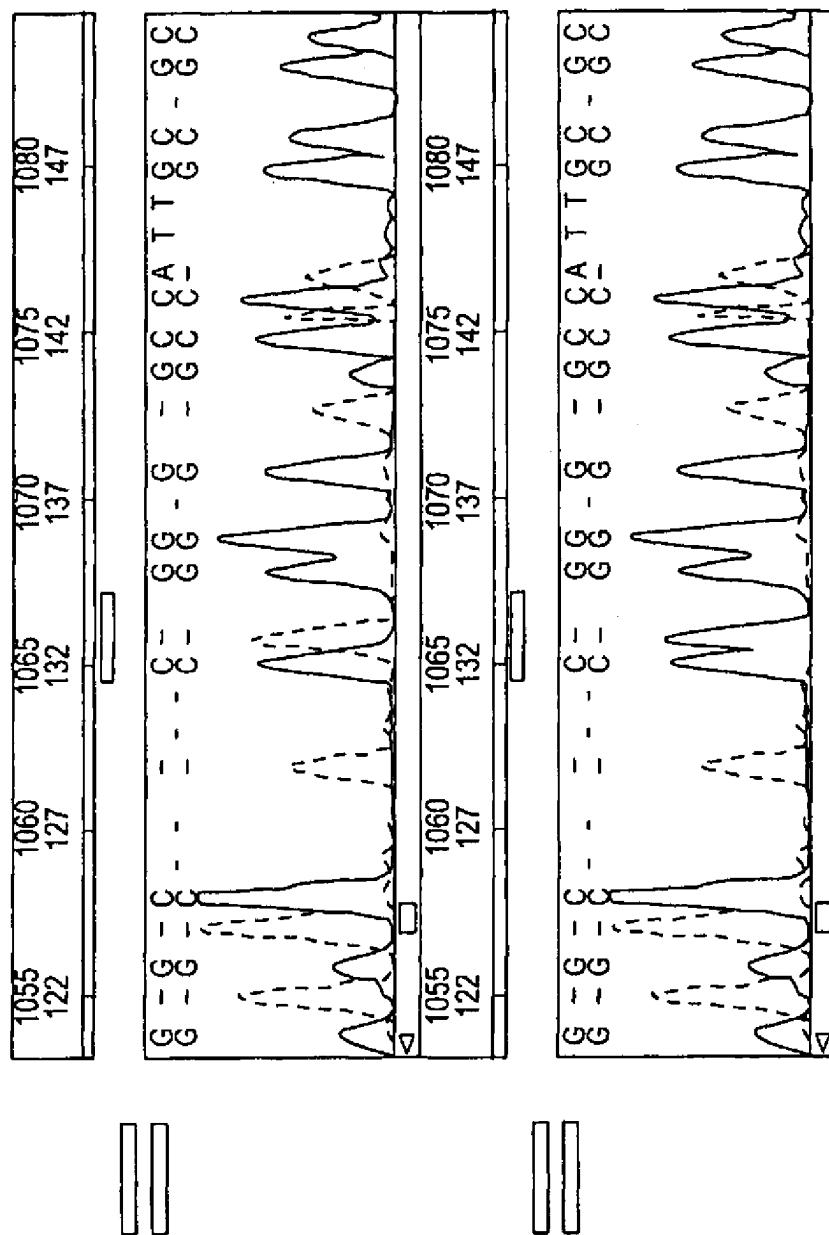


FIG. 7C

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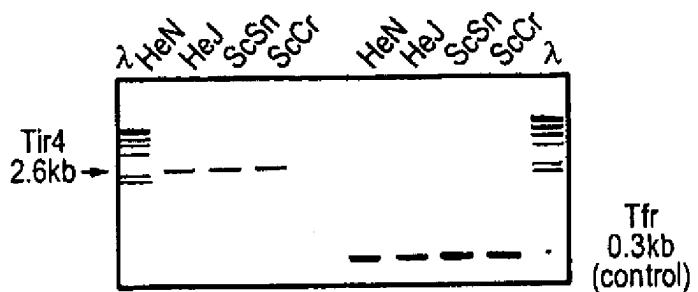
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FIG. 8A

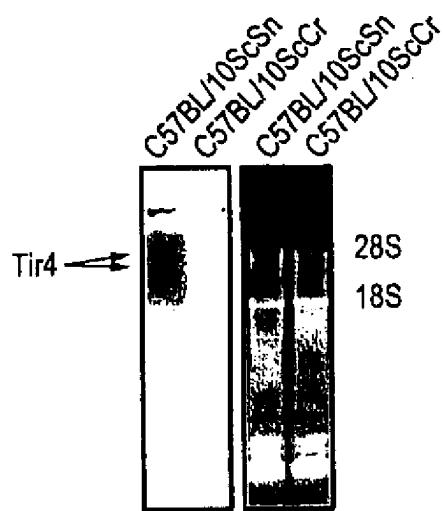
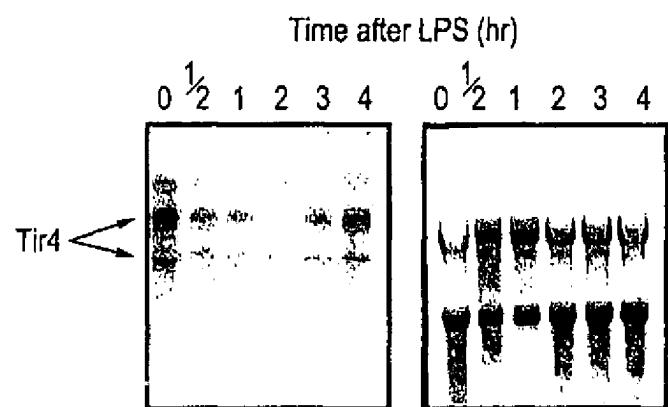


FIG. 8B

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7,029,861 B1*FIG. 9*

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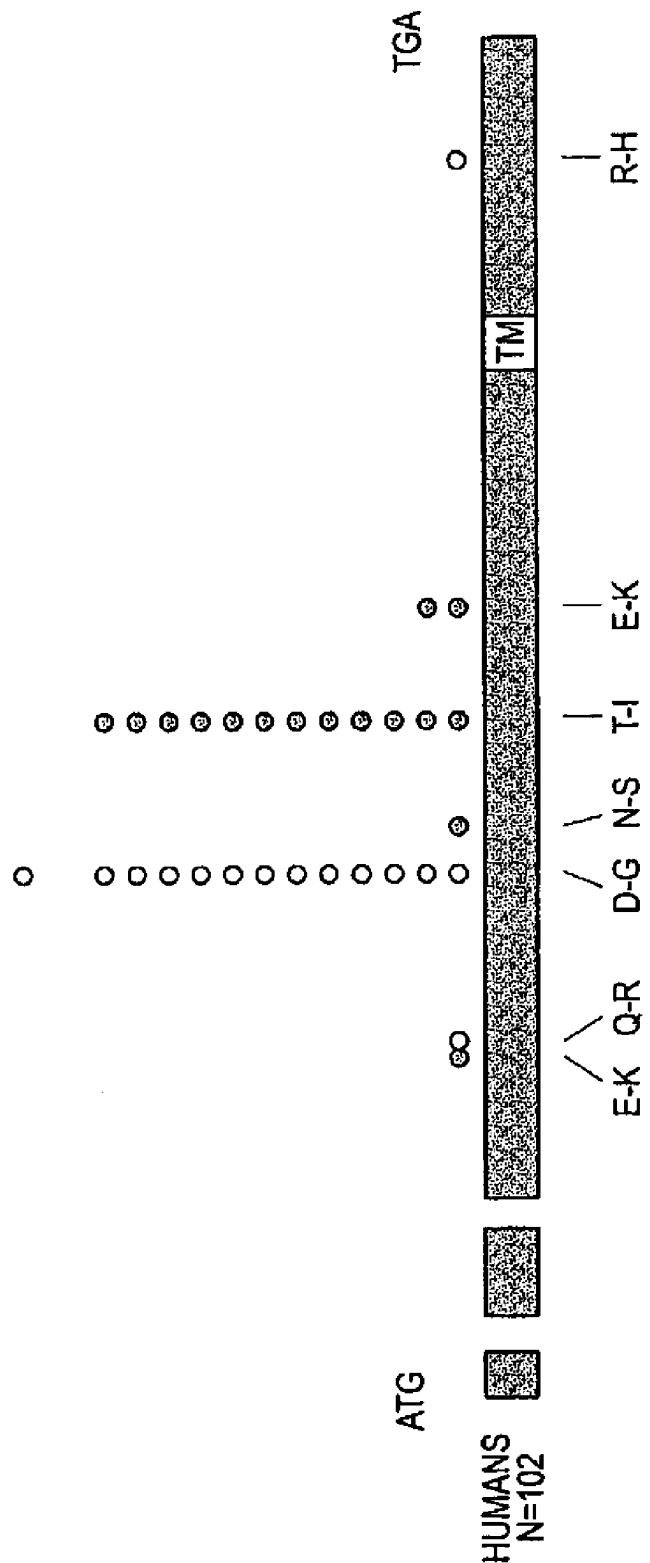


FIG. 10

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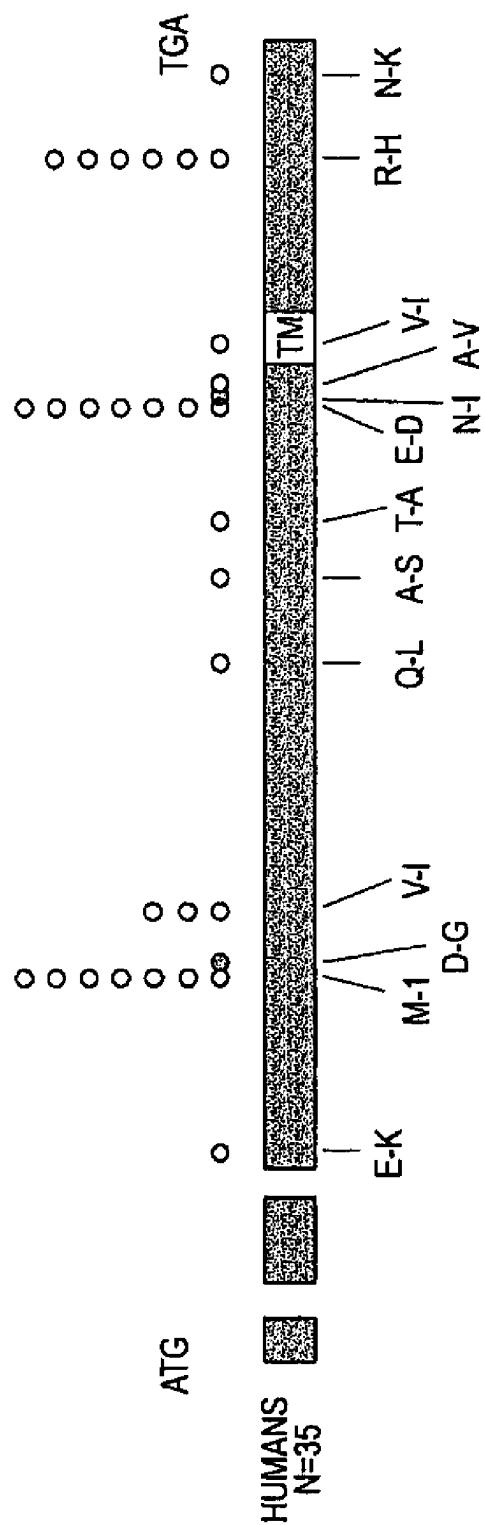


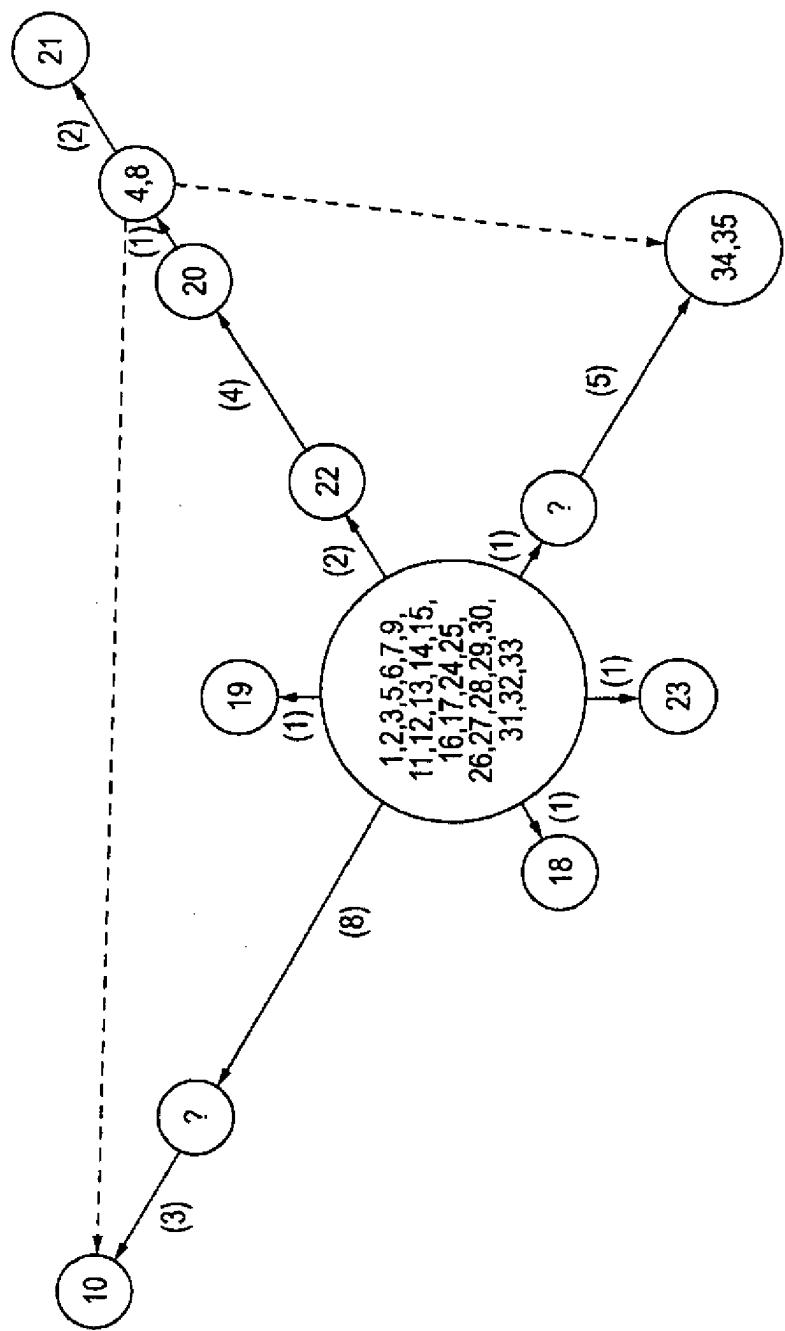
FIG. 11

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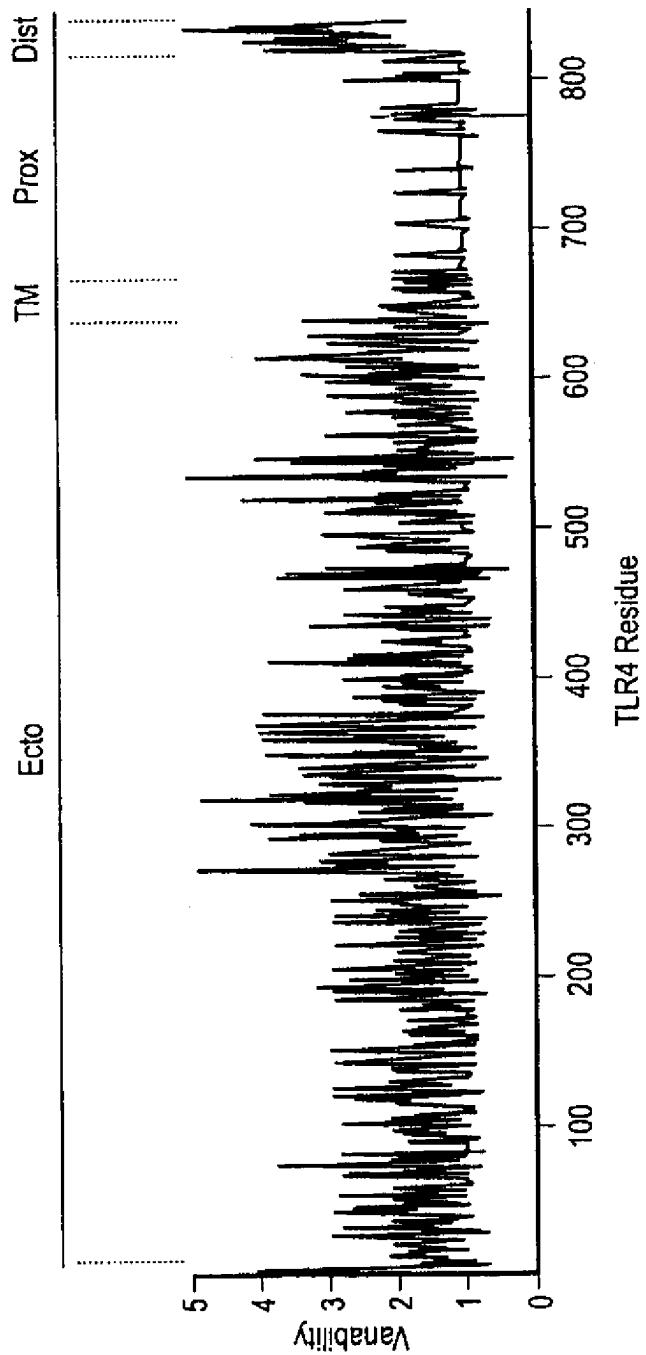


FIG. 13

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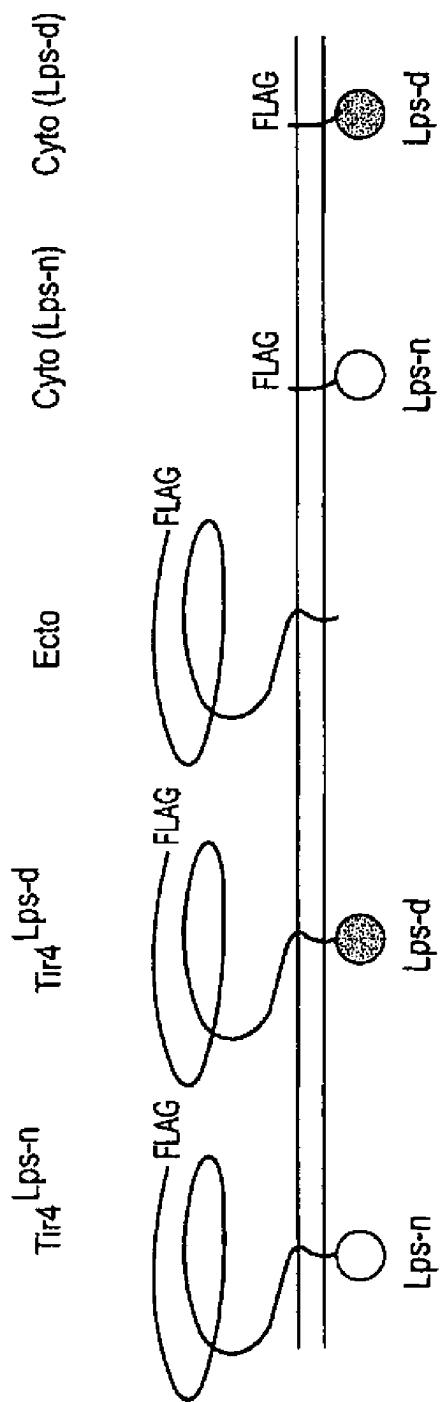


FIG. 14

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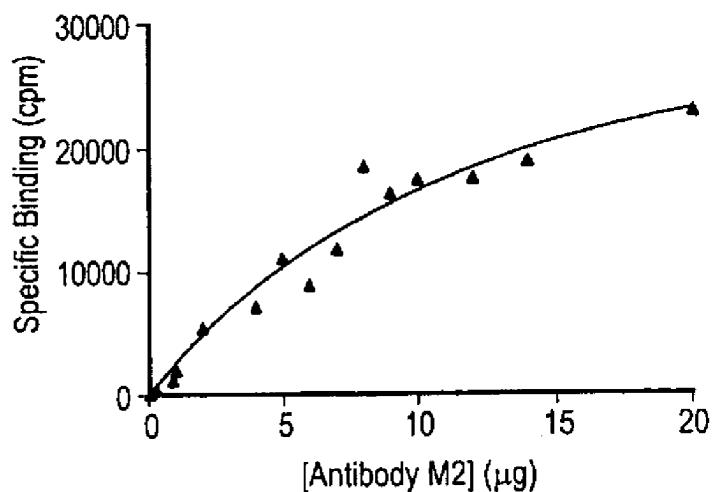
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FIG. 15A

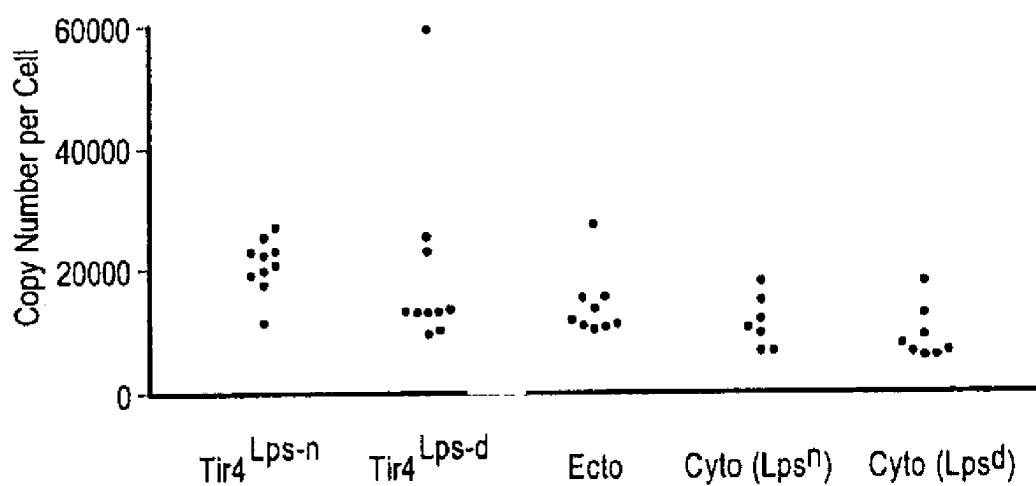


FIG. 15B

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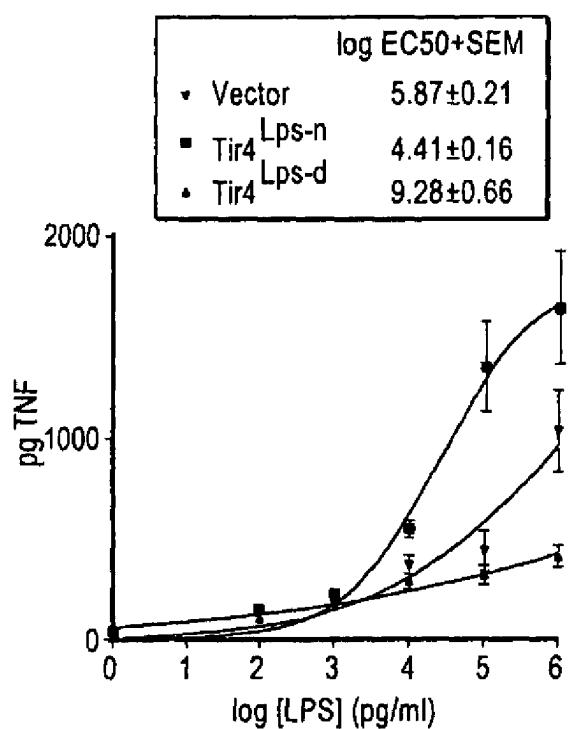


FIG. 15C

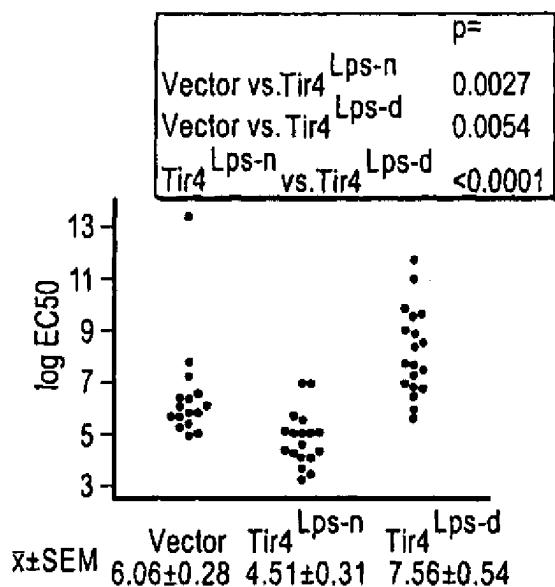
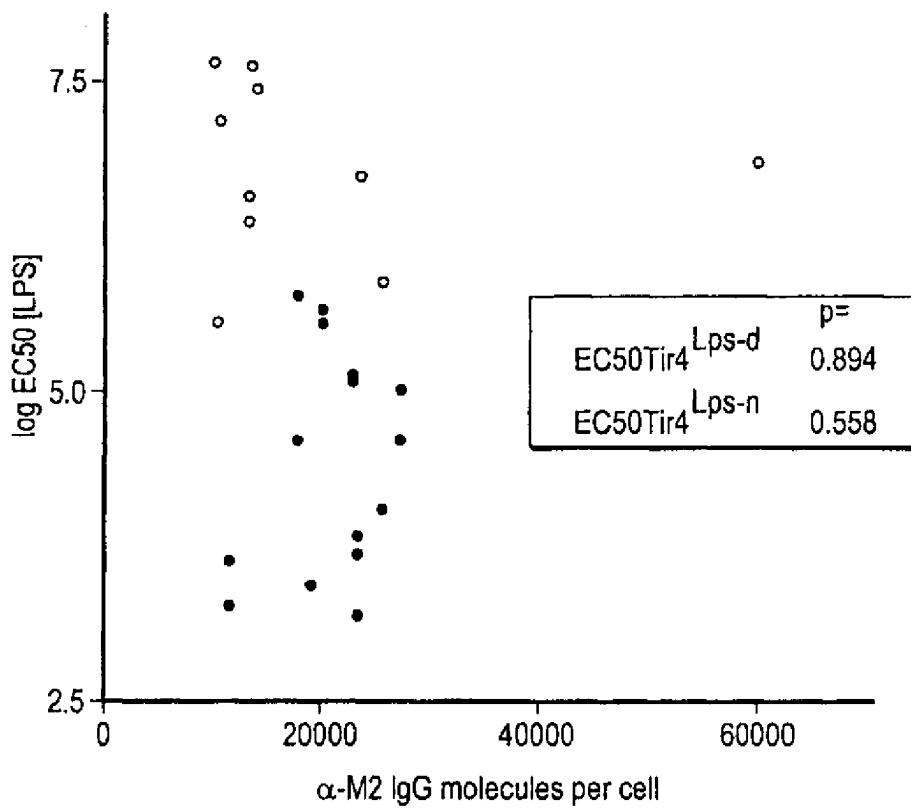


FIG. 15D

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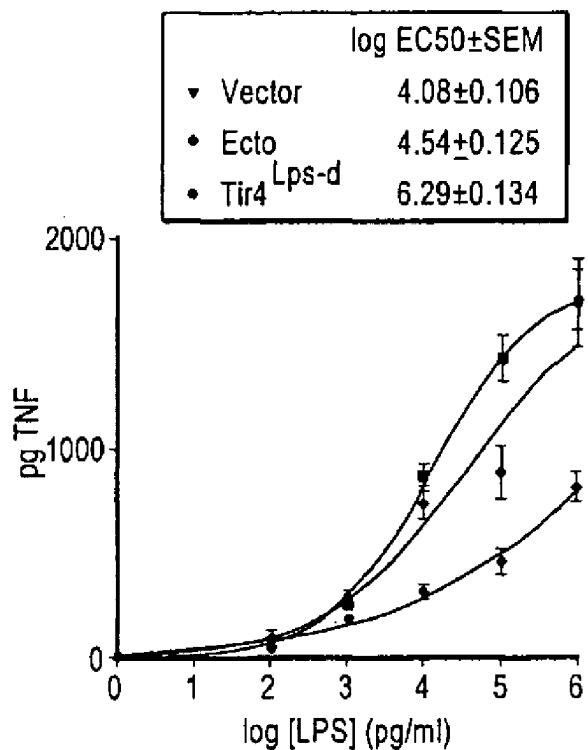


FIG. 16A

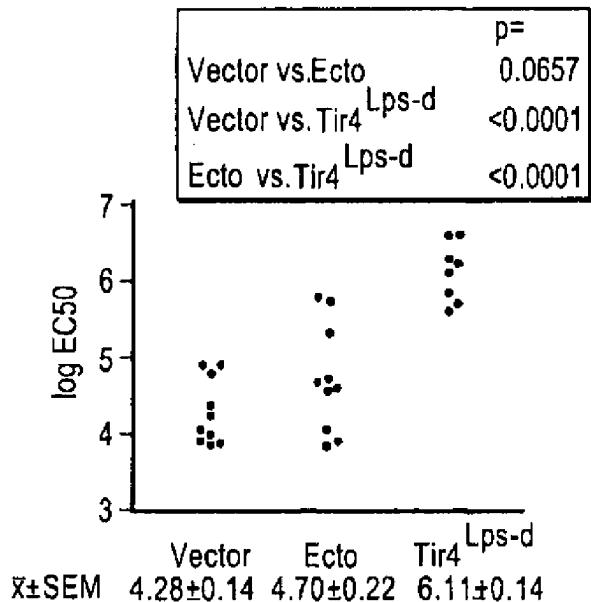


FIG. 16B

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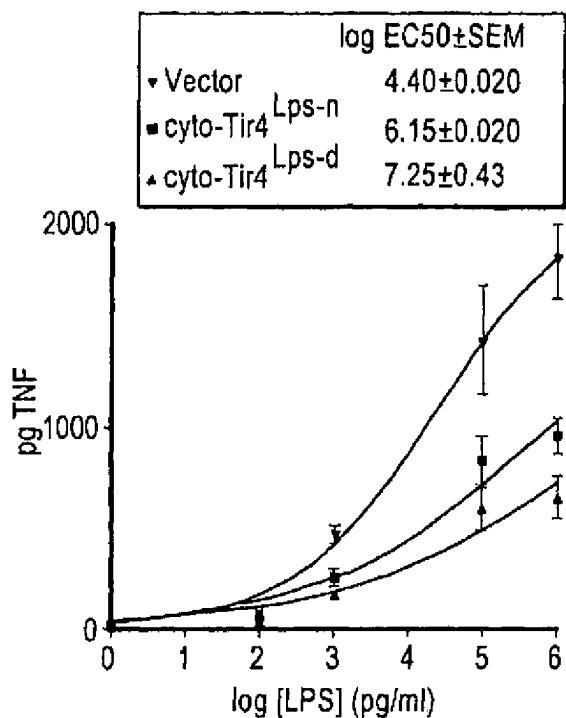


FIG. 17A

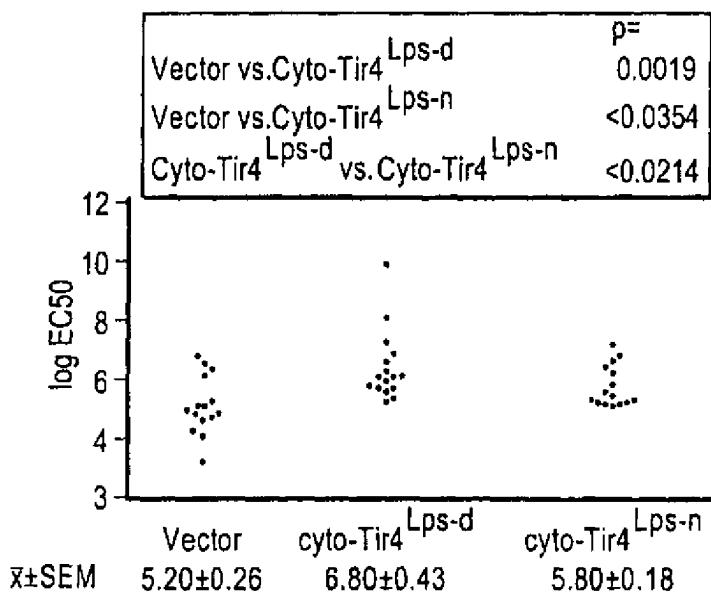


FIG. 17B